

SWP Water Quality Summary

February 10 to March 8, 2007

Total Dissolved Solids: This week's data show TDS decreasing at all stations and they ranged from 225 to 287 mg/L. TDS at all locations remained below Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 287 mg/L occurred at Check 41 while the lowest concentration of 225 mg/L occurred at Banks Pumping Plant (BPP) on March 8, 2007. Concentrations at BPP decreased from 245 to 225 mg/L.

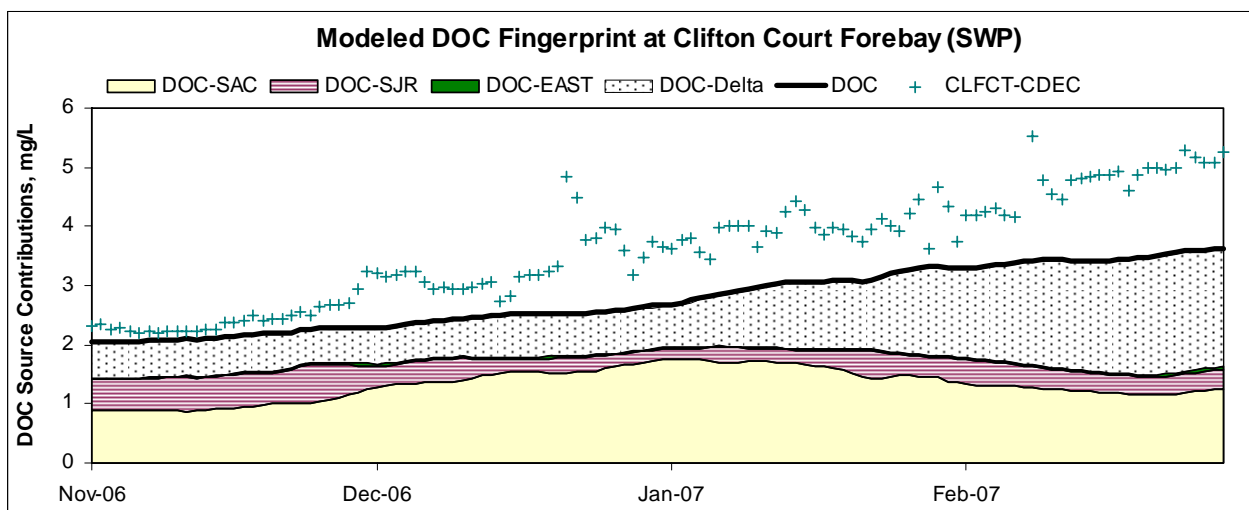
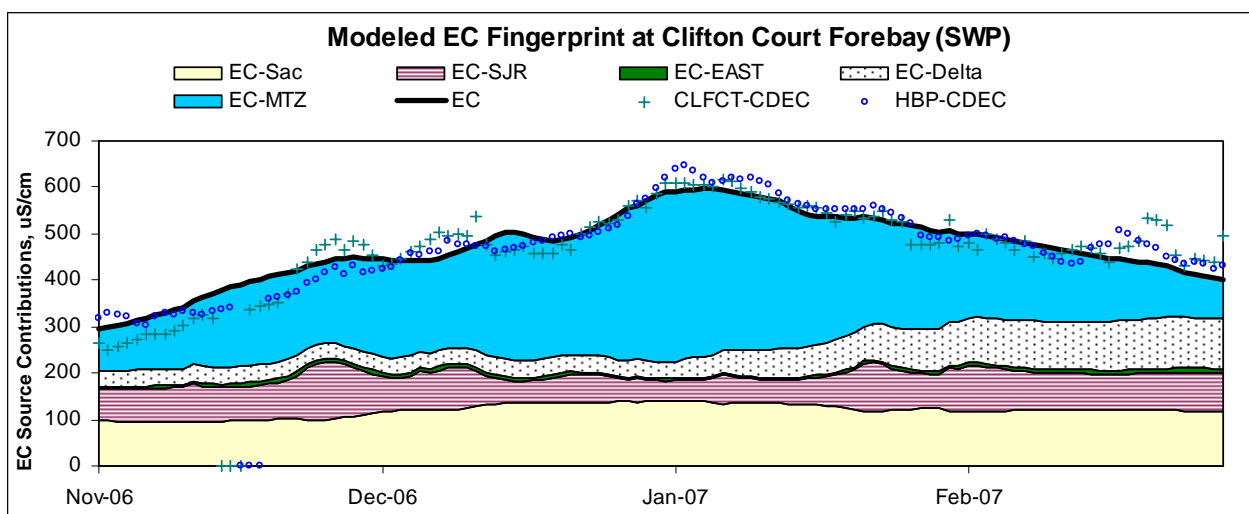
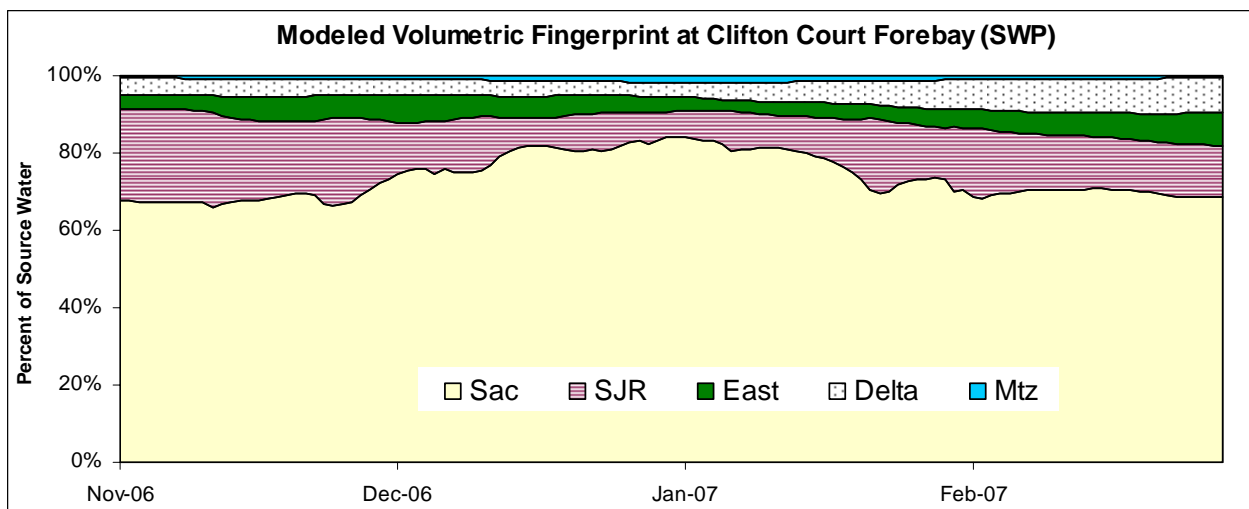
Bromide: Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations and they ranged from 0.16 to 0.24 mg/L. BPP had the lowest concentration of 0.16 mg/L, followed by Barker Slough with 0.18 mg/L while the highest concentration of 0.24 mg/L occurred at Devil Canyon. The concentration at BPP decreased from 0.18 to 0.16 mg/L as of March 8, 2007.

Turbidity: Turbidity levels this week ranged from 2 to 46 NTU. The greatest decrease of 14 NTU occurred at Barker Slough on March 8, 2007. Concentration at BPP increased slightly from 7 to 8 NTU this month.

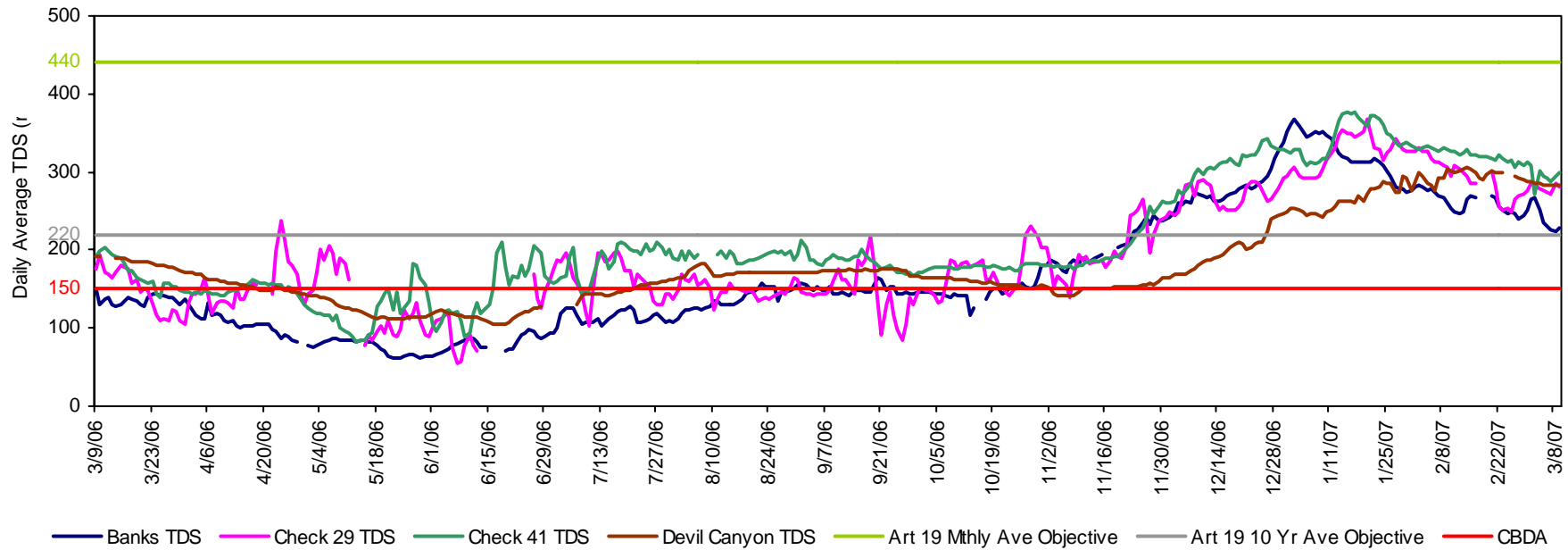
Dissolved Organic Carbon: Concentrations at all locations were above the CALFED TOC Objective of 3.0 mg/L. Concentrations at BPP, Check 13 and Edmonston increased from 5.0 to 5.3, 4.2 to 4.6 mg/L and 4.8 to 5.2 mg/L, respectively, this week. These increases were likely due the recent rainfall and runoff.

Taste and Odor Compounds: MIB and geosmin concentrations have remained low the past four weeks project wide. Nevertheless, MIB was undetected at Del Valle Check and Clifton Court Inlet while geosmin values were 4 ng/L at both locations on March 8, 2007.

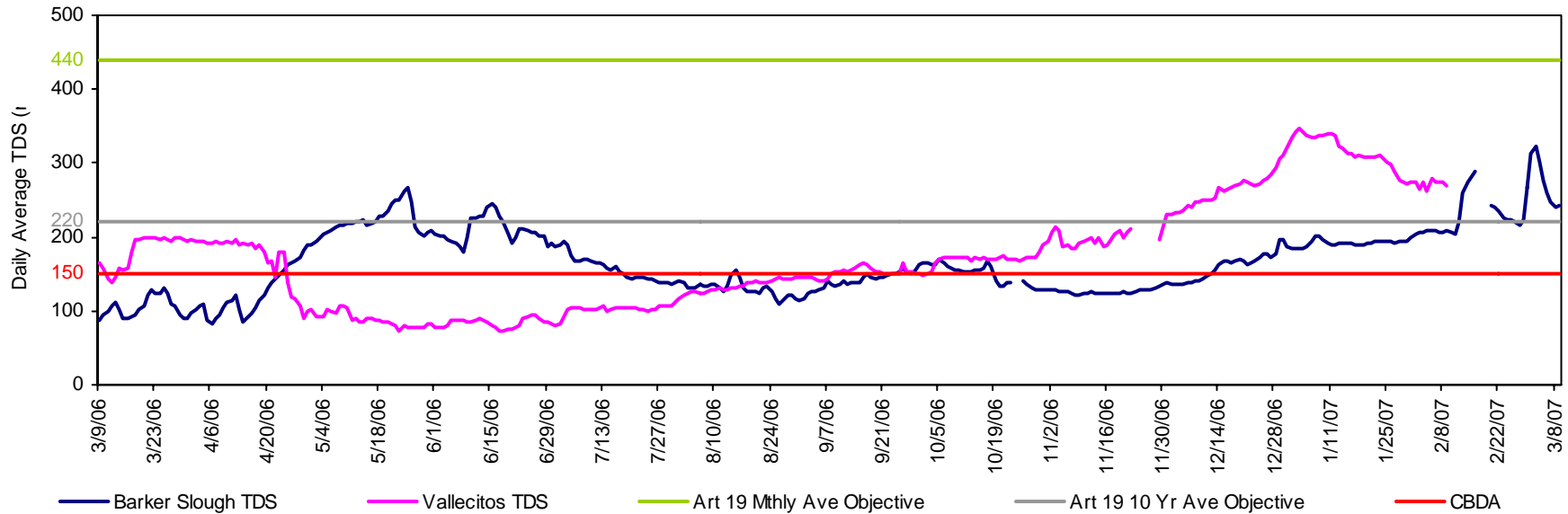
***Note:** Data from Vallecitos appear to have remained within the reporting range for TDS, bromide and turbidity; however, there was a cell phone malfunction that is being repaired.



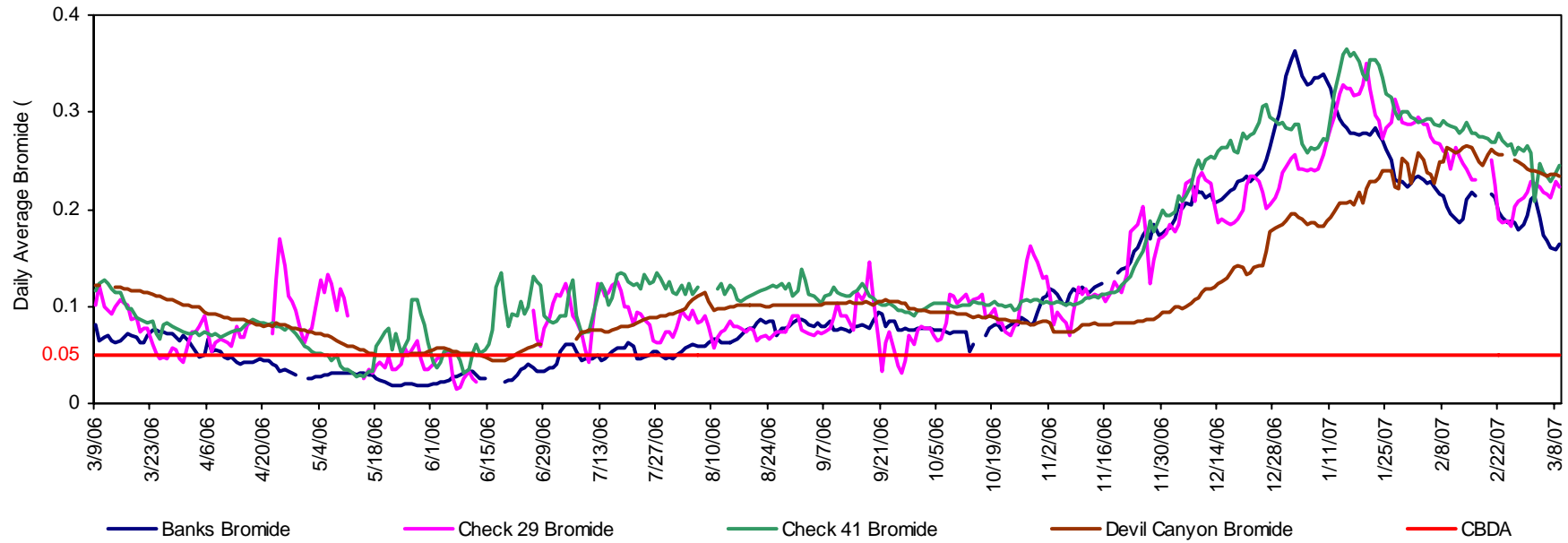
California Aqueduct - Calculated Total Dissolved Solids



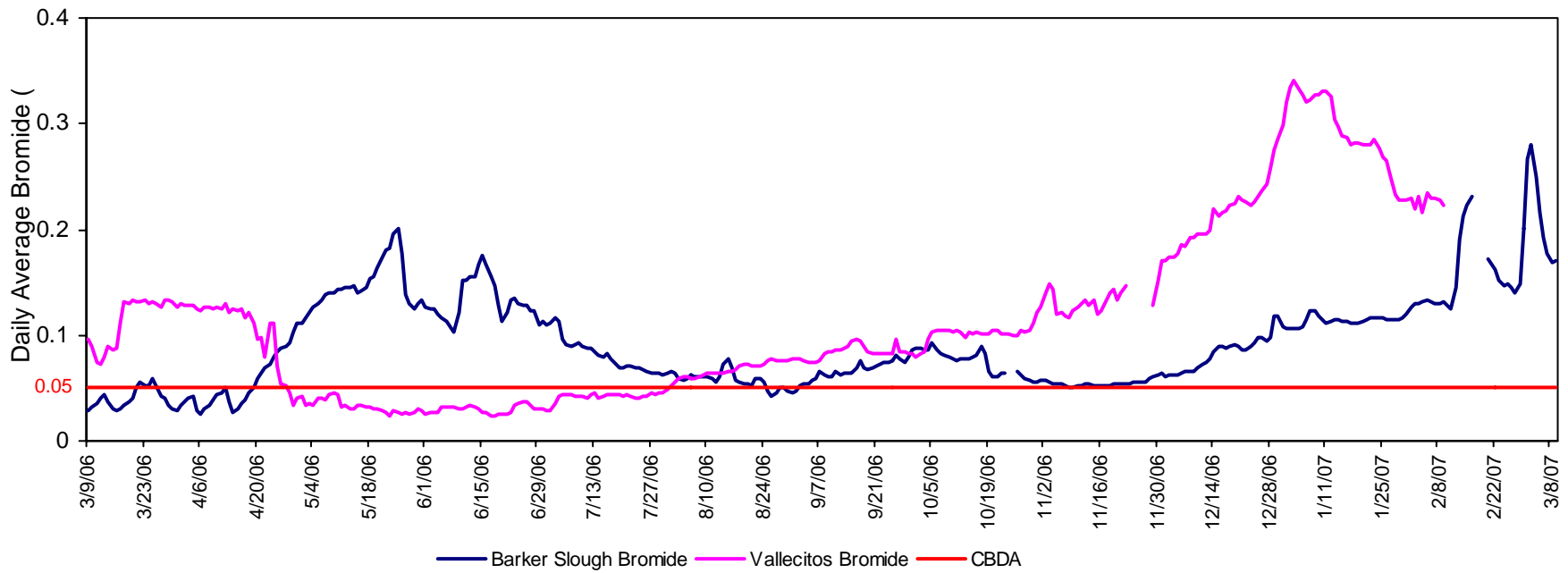
North and South Bay Aqueduct - Calculated Total Dissolved Solids



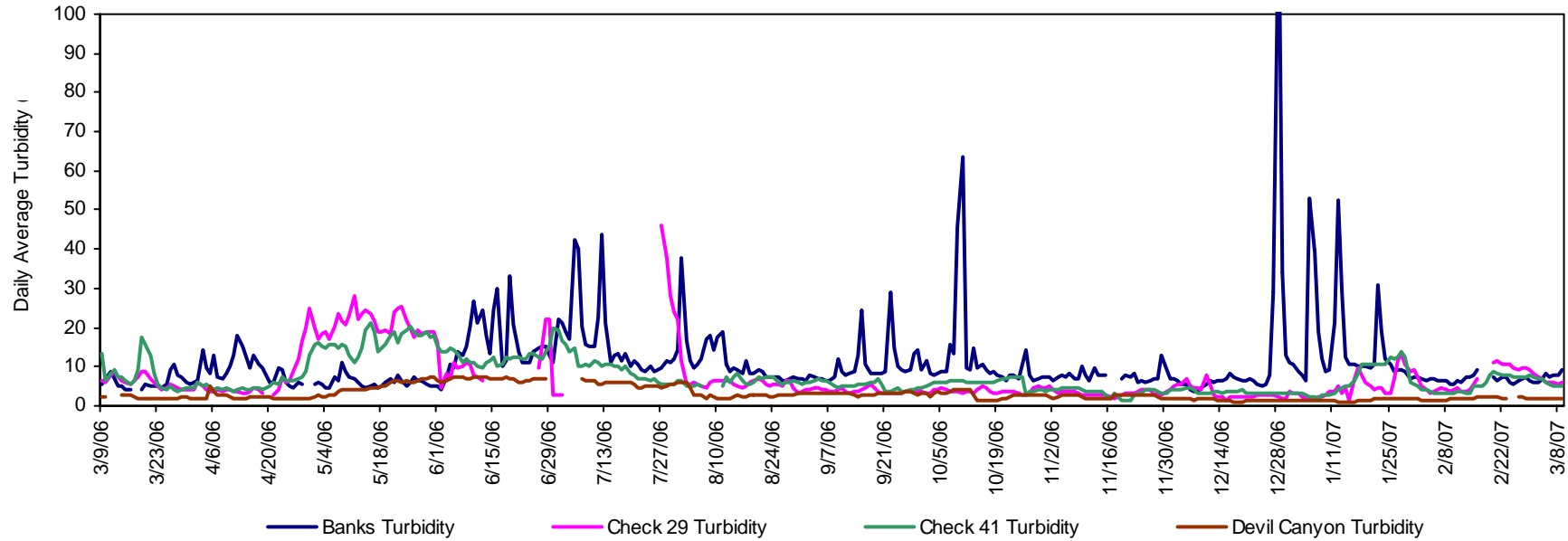
California Aqueduct - Calculated Bromide



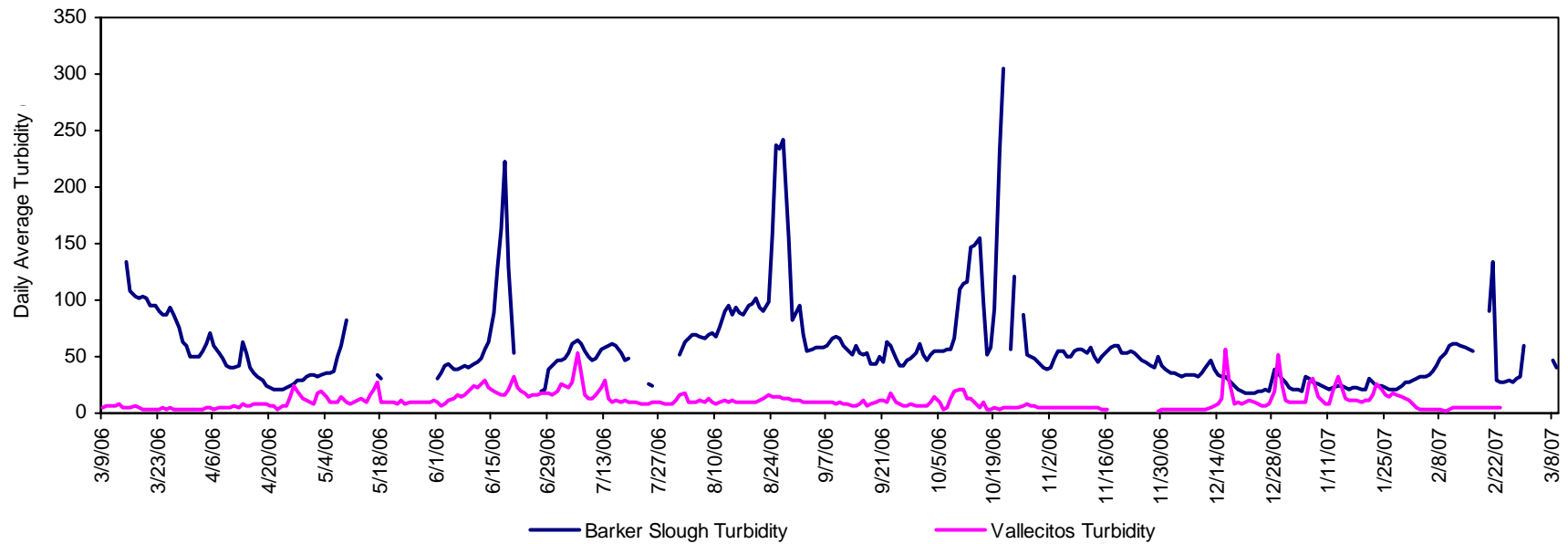
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

